

TITLE

GENES FOR MICROSOMAL DELTA-12 FATTY ACID  
DESATURASES AND RELATED ENZYMES FROM PLANTS  
ABSTRACT OF THE DISCLOSURE

5       The preparation and use of nucleic acid fragments  
encoding fatty acid desaturase enzymes are described. The  
invention permits alteration of plant lipid composition.  
Chimeric genes incorporating such nucleic acid fragments  
with suitable regulatory sequences may be used to create  
10 transgenic plants with altered levels of unsaturated fatty  
acids.

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